

genus *Cis* in Britain) having taken some specimens which he thought might be *C. dentatus*, borrowed the Mitford specimen to compare them with.

He has come to the conclusion that the insect in question is not *C. dentatus*, but a rather striking aberration of *C. alni*. I agree with him in this, having recently examined all the specimens of *Cis* at the British Museum with him. The supposed *Cis dentatus* is pubescent (whereas *C. alni* is shining), the puncturation is very distinct, the larger punctures in the elytra being themselves punctured, and to my mind the anterior angles of the thorax are much sharper than in *C. alni*. Some of our coleopterists would not hesitate to describe this beetle as a new species, but it seems to me to be better to treat it as an aberration of *C. alni*, for which I propose the name of *mitfordi*, n. ab.

Bibliography of *Pieris napi*, its forms and close allies.

By H. J. TURNER, F.E.S.

It has been suggested that a list of all the chief references to *Pieris napi* would be of use to the many entomologists who take an interest in this very common, very variable, and very extended species, and its close allies. The list does not claim to have exhausted the references, which might be increased by further research, but it is hoped that it may contain all the principal items, and form a basis for a more complete study of this important species. [o.d.=original description.]

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 1695. Petiver.—“Mus. Pet. Cent.,” p. 33.
 1707. Petiver.—“Gazophyl.,” pl. 62.
 1710. Ray (Lister).—“Hist. Ins.,” p. 114, 353.
 1715. Sepp.—“Beschou. Wond. Gods Ned. Ins.,” vol. i., pt. 2, p. 1, pl. 1.
 1717. Petiver.—“Pap. Icones,” pl. 1.
 1720. Albin.—“Nat. Hist. Br. Ins.,” pl. 52.
 1730. Merian.—“Hist. Ins. Eur.,” vol. ii., p. 77, pl. 39 (89).
 1746. Linnæus.—“Fn. Suecica,” p. 797.
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 1758. Linnæus.—“Sys. Nat.,” ed. x., p. 468. o.d. *napi*.
 1761. Linnæus.—“Fn. Suec.,” ed. alt-auc., p. 271.
 1761. Poda.—“Mus. Græc.,” p. 64.
 1762. Geoffroy.—“Hist. Ins.,” vol. ii., p. 70.
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 1763. Scopoli.—“Ent. Carn.,” p. 171.
 1764. Müller.—“Fn. Ins. Fridr.,” p. 33.
 1764. Petiver.—“Opera,” vol. ii., pl. 1.
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 1769. Berkenhout.—“Synops. N.H. Gt. Br.,” vol. i., p. 124.
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 1775. Harris.—“Eng. Lep.,” p. 7.
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 1777. Esper.—“Eur. Schm. Abbild.,” vol. i., pt. 1, p. 57, pl. 3;
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 27, pl. 116.
 1780. Esper.—“Schm. Abb.,” vol. i., pt. 2, p. 87, pl. 64 (cont. 14).
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 1781. Fabricius.—“Sp. Ins.,” vol. ii., p. 39.
 1785. Fuessley.—“Neu. Mag.,” vol. ii., p. 331, p. 65.
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 1788. Borkhausen.—“Nat. Eur. Schm.,” vol. i., p. 124, 259.
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 71).
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 1791. Brahm.—“Ins. Kalend.,” p. 139.
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 1801. Illiger.—“Sys. Verz. Schm. Wein.,” vol. ii., p. 160.
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 1802. Haworth.—“Prodromus,” p. 1.
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bryoniae.)
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 1824. Jermyn.—“Butt. Col. Vad.,” ed. i., p. 24, 44.
 1827. Stephens.—“Ill.,” vol. i., p. 19-20, etc.
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 1828. “Brit. Butt.” (Birmingham), p. 6, pl. 4.
 1829. Harris.—“New Eng. Farm.,” vol. viii., p. 402. o.d. *oleracea*.
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 1832. Rennie.—“Conspect.,” p. 3.
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 (To be concluded.)

Records of some New British Plant-galls. II. Some more Cecidomyid Galls.

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The following are records of captures made in May and June of this year, but five species, *Rhabdophaga albipennis*, *R. rosariella*, *Perrisia kiefferiana*, *P. hygrophila* and *P. pustulans* were brought forward as British early in 1916 by Mr. H. J. Burkill (*Entomologist*, January, 1916, pp. 4-8).

We have now observed midge-galls caused by just upon a hundred species of *Cecidomyiidae* in the Northumberland and Durham area, and there is no doubt a number yet remain to be discovered.

CECIDOMYIDÆ.

Contarinia viburni, Kieff.

.Guelder-rose, flowers remain closed, swollen; larvæ white.

DURHAM, Gibside, Ravensworth, Lamesley, Cox Green, Fatfield, Lumley. CUMBERLAND, Keswick.

Contarinia lonicerarum, F. Loew.

.Guelder-rose, gall same as in *C. viburni*, but larvæ lemon-yellow.